Sheet 1 of 6 Form PTO-1449 (Modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) Reference Designation Examiner Document Initial Number AA 4.772.870 9/88 Reves, R.R. 340 310 AC AD AD AC AD AB AF AG AH AI AJ AJ AJ AJ AJ AJ AJ AJ AJ				12	*** ~ .	AT.			Sheet 1 of 6		
NRWB:006 D & SO &	Form PTO	-14	49 (Modified	1)	TRADER	Atty Docket	No.	Se	rial No.		
NRWB:006 D\$\$0,714 Applicant's Information Disclosure Statement Applicant Applica									<i>!</i>		
Applicant					•	NRWB: 006 08/863, 914					
Reference Designation Examiner Initial Number Date Name Class Class If Appropriate If Appropriate AC AD AB AF AG AG AH AI AI AI AI AI AB AI AT AR AG AG AG AT AR AG AG AG AT AR AG											
Reference Designation Examiner Document Initial Number Date Name Class Sub Filing Date If Appropriate AA 14.772.870 9/88 Reves, R.R. 340 310 AB 1,547.242 7/25 Strieby, M.E. 340 310 AC							Brown				
Reference Designation Examiner Initial AA 4.772.870 9/88 Reyes, R.R. 340 310 AC AB 1.547.242 7/25 Strieby, M.E. 340 310 AB AB 1.547.242 7/25 Strieby, M.E. 340 310 AC AB AB 1.547.242 7/25 Strieby, M.E. 340 310 AB A	(Use sev	era:	l sheets if	necess	ary)	Filing Date	<u>;</u>	Gr	oup		
Reference Designation Examiner Initial AA 4,772,870 9/88 Reyes, R.R. 340 310 AC A						7/21/97			2617 0736		
Examiner Initial Number Date Name Class Class If Appropriate Initial Number Date Name Class Class If Appropriate If If Appropriate If If Appropriate If If Appropriate If		- 1				4			E017 2104		
Examiner Initial Number Date Name Class Class If Appropriate Initial Number Date Name Class Class If Appropriate If Appropriate AA 4,772,870 9/88 Reyes, R.R. 340 310 310 AB 1,547,242 7/25 Strieby, M.E. 340 310 AC	_	_									
Number Date Name Class Class If Appropriate AA A772,870 9/88 Reyes, R.R. 340 310		ter			1	U. S. Pat	ent Do				
AA 4,772,870 9/88 Reyes, R.R. 340 310 AB 1,547,242 7/25 Strieby, M.E. 340 310 AC AD AB AB AF AF AG AH AI AJ AJ AJ AJ AJ AN AI AJ AJ AJ AN AN AI AJ AJ AJ AN AN AI AJ AJ AJ AN AN AN BY Country Class Subclass Yes/No JAT AN GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN WO84/01481 4/84 PCT H04B 3/54 JAT AP WO84/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 Examiner Date Considered 8/25/97 Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		<u> </u>				Mama	01				
AB 1,547,242 7/25 Strieby, M.E. 3 to 30.03 AC AC AD AC AD AE AD AE AF AG AG AH AH AJ AJ AK FOREIGN PATENT DOCUMENTS Examiner Document Number Date Country Class Subclass Yes/No JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AD W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIFE Transactions, Vol. 66, 1947, pp. 501-507 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		77	4 772 970		Dow				11 Appropriate		
AC AD AE AF AF AG AG AH AI AI AJ AJ AJ AV AND AK FOREIGN PATENT DOCUMENTS Examiner Document Number Date Country Class Subclass Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/54 JAT AD W092/16920 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 TAT AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 Examiner Examiner Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		A B	1 547 242					3170			
AD AE AF AG AG AH AI AJ AX FOREIGN PATENT DOCUMENTS Examiner			1,547,242	1/25	SCI.	LEDY, M. E.	1010	30.03			
AE AF AG AG AH AI AJ AJ AS FOREIGN PATENT DOCUMENTS Examiner Document Number Date Country Class Subclass Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AN GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	- A				<u> </u>		 				
AF AG AG AH AH AI AI AJ AJ AJ AK FOREIGN PATENT DOCUMENTS Examiner Document Number Date Country Class Subclass Translation Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/54 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AO W092/16920 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner JO W TUEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of					1		-				
AG AH AI AJ AJ AK FOREIGN PATENT DOCUMENTS Examiner Initial Number Date Country Class Subclass Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EP 0141673 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 Examiner JO W TUEL Date Considered 8/25/97 Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of					İ						
AH AI AI AJ AAS FOREIGN PATENT DOCUMENTS Examiner Document Number Date Country Class Subclass Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EP 0141673 1/92 PCT H04B 3/54 JAT AN EW 084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of					<u> </u>	• .					
AI AJ AJ AJ AK FOREIGN PATENT DOCUMENTS Examiner Document Number Date Country Class Subclass Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AN GB 1548652 7/79 United Kingdom H04B 3/54 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AO W092/16920 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Jo W TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	ı										
Examiner Document Initial Number Date Country Class Subclass Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/54 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EV 0141673 5/85 Europe H04B 3/54 JAT AN WO92/16920 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner JO HW TUEEL Date Considered Whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of					1	· · · · · · · · · · · · · · · · · · ·	· -				
Examiner Document Number Date Country Class Subclass Translation Yes/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AN GB 1548652 7/79 United Kingdom H04B 3/54 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN WOS2/16920 1/92 PCT H04B 3/54 AP WOS4/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 Examiner JO HW TUEL Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		AJ									
Examiner Initial Number Date Country Class Subclass Ves/No JAT AL GB 2101857 1/93 United Kingdom H04B 3/56 JAT AM GB 1548652 7/79 United Kingdom H04B 3/56 JAT AN EP 0141673 5/85 Europe H04B 3/56 JAT AN EP 0141673 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 Examiner Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		AK									
Initial Number Date Country Class Subclass Yes/No				FOR	EIGN	PATENT DOCUM	IENTS				
AL GB 2101857 1/93 United Kingdom H04B 3/56 AM GB 1548652 7/79 United Kingdom H04B 3/54 AN EP 0141673 5/85 Europe H04B 3/56 AN EP 0141673 5/85 Europe H04B 3/56 AN EP 0141673 1/92 PCT H04B 3/54 AN EP 0141673 1/92 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) AR OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner JOHN TWEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of			Document					· -	Translation		
Date Considered Date Consi									s Yes/No		
AN EP 0141673 5/85 Europe H04B 3/56 AN W092/16920 1/92 PCT H04B 3/54 AP W084/01481 4/84 PCT H04B 3/54 OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Jo Hotel Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		ľ									
OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Jo Hw Tweel Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of					ĭ						
OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Jo Hw Tueel Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of					T						
OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.) J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Jo W TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of						· · · · · · · · · · · · · · · · · · ·					
JAT AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	<u> </u>	AP	W084/01481	4/84	PCT		HO4B	3/54			
JAT AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	,	nrrmi	D BDM (Tmele		4. 3	. mili - b-t		! . ¬.			
AR Frequency Signalling Medium," The Electricity Council, January 1970 AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner Jo Hw Tweel Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of		Luci									
JAT AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner JO HW TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	c,	ΔD	Frequency	. Sianal	n.n.	Medium " The	Flect:	ricity C	AS A HIGH		
AS J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507 AT Examiner John Tueel Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	JAT	***			TING	Medium, The	Elect.	cicity c	ouncii,		
Examiner JO HW TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	J			,, ,							
Examiner JO HW TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of											
Examiner JO HW TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	TAT	AS	J.M. Barst	tow, "A	Car	rier Telephon	e Syste	em for R	ural Service.		
Examiner JO HW TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	<u> </u>										
Examiner JOHN TUEEL Date Considered 8/25/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of											
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	1	AT									
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of							·	,			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of	Examiner	-14	HAS TIL			Date Co	nsider	ed 6/25	197		
in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of								/			
if not in conformance and not considered. Include copy of	EXAMINER	:	Initial	if ref	eren	ce considered	l, wheth	ner or n	ot citation is		
this form with next communication to applicant.											
			this [0]	m with	лех	communicati	on to a	appilcan	τ.		

			SAUL REEXP	000 B 091	0	•					
			P. O. T.	A DE KALA				Sheet 2 of 6			
		9 (Modified	•,		Atty Docket	No.	Se	erial No.			
List of Patents and Publications For Applicant's Information NRWB:006 NRWB:006											
For Applicant's Information Disclosure Statement NRWB:006 Applicant											
(lise sev	eral	sheets if	necess	Paul A. Filing Date			roup				
(ose seve	crai	. Sheets II	ilecess.	TLY/	FIIIII Date		E	kamineran 30			
Re:	fere	ence Designa	tion	·	U. S. Pat	ent Do					
Examiner Initial		Document Number	Date		Name	Class	Sub Class	Filing Date If Appropriate			
<u> </u>	AA	Namber	Dace		Name	CIASS	CIASS	TI Appropriate			
	AB										
			FORI	ETGN	PATENT DOCUM	ENTS					
Examiner		Document				<u> </u>		Translation			
<u>Initial</u>		Number	Date		Country	Class	Subclas	ss Yes/No			
	AL AM										
	AM										
	PHEF	R ART (Inclu	iding Ai	uthor	, Title, Dat	e Pert	inent Pa	ages, Etc.)			
	AR				A. White, "D						
JAT	AR				emote Meter Reading and Selective Load s of the American Power Conference 1974,						
		Vol. 36, p					J#C1 CO1	ilelence 1574,			
					r, "Communic						
27/1	AS					Management, Record of Panel					
UAT					Summer Power Meetings, IEEE Transactions and Systems, Vol. PAS-99, No. 4 July/Aug.						
		1980, IEEE	New !	ork,	NY, pp. 144	8-1455		o. 4 buly/hug.			
*		Glen Lokke	n et al	L., "	The Proposed	Wisco	nsin Ele				
,121		Company Lo	ad Mana	ageme	nt System,"	1976 Na	at. Tele	ecomm. Conf.,			
4/-11	AT	Dallas, Te	exas, No	ov. 1	976, IEEE, N	ew Yor	c, NY, r	pp. 2.2-1			
			et al.	. "A	Survey of Ma	ins Si	ngalling	within the			
TAG	AU	UK," ERA R	Report 1	8 . oV	6-0038, ERA	Techno:	Logy Lir	mited, Surrey,			
		England, A	pril 19	986,	pp. 1-52, AA	.2-AA.	FIGS.	<u>1-33, Table I.</u>			
	,,,				ignalling on						
11	AV				frequency ra			e compatibility			
					andard," BS						
4	1	"Telecontr	ol equi	ipmen	t and system	s," BS	7407 (8	370-1-1)			
		(1 page).			·····						
Examiner	10	HW TWEEL	-		Date Co	nsider	ed 8/25	5/97			
EXAMINER	:							not citation is			
					MPEP609; Dr						
C+\ TDC144	10				ce and not c			nclude copy of			
C:\IDS144	t 기	CHIS FOR	m with	пехс	communicati	on to a	ibbiicgi	10.			

,			PRANCY	APP.					0000 0 01 0	
Form PTO	-144	9 (Modified	1) VIII NO		Atty Docket No. Serial No.					
List of	Pate	ents and Pub	olicatio		l mas au					
For Appl	icar	nt's Informa	_	NRWB: 006 00 00 00 00 00 00 00 00 00 00 00 00						
Disclosu	re S	Statement		Applicant		•	1	7		
•					Paul A.					
(Use sev	eral	. sheets if	necessa	ary)	Filing Date			Gro	up	
				1			1	Exa	miner $\sim 0.2/$	
									$\frac{2}{\sqrt{2}}$	
Pο	forc	ence Designa	ation		U. S. Pat	ent Do	zumont.	-		
Examiner		Document		1	0. 5. Fac	l Do	Sub		Filing Date	
Initial		Number	Date		Name	Class			If Appropriate	
	AA	<u> </u>	5000	 	Traine .	LLABB	CIUS.	1	II Appropriace	
-	AB									
	,									
•	TT		FOR	EIGN P	ATENT DOCUM	ENTS	,			
Examiner		Document							Translation	
<u>Initial</u>		Number	Date		Country	Class	Subclass		Yes/No	
	AL									
AM						<u> </u>	<u> </u>			
0	nurc	ADM (Thal	idina Xi	ı+how	mitle Det	a Danti	:	D- ~	on 17th \	
	AW				<u>Title, Dat</u> lling on Lo					
•	^ "								5 kHz, Part 4:	
TAT		Filters at	t the in	nterfa	ce of the i	ndoor :	and our	+30.	or	
JAI					EN 50 065-4					
	AW	Draft star	ndard.	Signa	lling on Lo	w-Volta	age El	ect	rical	
TAC									5 kHz, Part 7:	
V					N 50 065-7					
								<u>- F</u>		
JAT		"Coaxial H	Feeder (Cables	," Engineer	ing Not	tes, P	ubl	ication	
UNI	AX								ed, Cambridge,	
		England, 3							,	
Examiner	1-11				Date Co	nsider	ed of	7-10	2 -	
		IN TWEEL					0/0	->/	1 /	
EXAMINER	:								t citation is	
* \ \					MPEP609; Dr					
									lude copy of	
C:\IDS14	49	this for	rm with	next	<u>communicati</u>	on to a	applica	<u>ant</u>	•	

				\\ E_0.						
		49 (Modified			Atty Docket No. Semial No.					
		ents and Pul		ວັກຣ	1 mlong Q1					
For Applicant's Information					NRWB: 006 00 800, 719					
Disclosure Statement					Applicant			.1.	, , , , , , , , , , , , , , , , , , , ,	
				_	Paul A. I					
(Use sev	era	l sheets if	ary)	Filing Date			Gro	up		
								Exa	miner anal	
									0104	
Re ⁻	fer	ence Designa	ation		U. S. Pate	ent Doo	יוושבוי	nt a		
Examiner		Document		l	O. D. Iuc		Suk		Filing Date	
Initial		Number	1		Name	Class			If Appropriate	
JAT	AA	4,479,033		Brow	n et al.	179	2.5		II Appropriace	
VAL	AB					379	66			
	1	17.02723	10/01	1001	90	<u> </u>		' ———	1. M	
****	·			EIGN P	ATENT DOCUM	ENTS	·			
Examiner									Translation	
<u>Initial</u>	ļ	Number	Date		Country		Subclass		Yes/No	
JAI		WO93/07693			WIPO	HO4J	13/00			
JAT	AM		Fran	ice H04B 3/			<u>′54</u>	Abstract		
	AN	<u> </u>			- · · · · · · · · · · · · · · · · · · ·	<u> </u>				
O'	ruei	R ART (Incl)	ıdina Aı	ithor	Title, Date	a Parti	inant	. Dag	os Etal	
1	<u> </u>	JP62120739	5 Pater	ot Abe	tracts of Ja	anan T	701	<u> </u>	o. 341 (E-554)	
		2 June 198	37 Kaon	ruet a	1 Method a	and Ani	vor. narat	ne f	or Frequency	
STATE	AR				m Power Line					
OFT	***	1 page.	oread br	ectra.	m rower mine	= Call.	rer (inteacton,	
			R Pater	at Abs	tracts of Ja	anan T	701	11 N	o. 209 (E-521)	
JAT	AS				io, Current					
. 2/11		Frequency				Duper	,051	-1011	Type mign	
		rrequestor	OILOGI	<u> </u>	uge.				***	
	AT									

, . ,	AU									
Examiner	1	· · · · · · · · ·			Date Cor	nsidere	h he	/		
	701	W TWEE			Date 55.		<u> </u>	25/9	<i>7</i> 7	
EXAMINER		Initial	if refe	erence	considered	wheth	ner c	r no	t citation is	
		in confe	rmance	with	MPEP609; Dra	aw line	thr	ough	citation	
		if not	in confe	ormanc	e and not co	onside	ced.	Inc	lude copy of	
C:\IDS14	49	this for	m with	next	communication	on to a	i laar	cant		
\							- 	<u>- Uuii U</u>		

•			ROO) .		
,	•	EX	ARY FEB	ابير ابير					Chast 5 of C
1			7 1 1 1 1 1 1 1 1 1 1						Sheet 5 of 6
Form PTO-	-144	9 (Modified	N. & TRADE		Atty Docket	No.	T	Ser	ial No.
List of 1	Pate	ents and Pub	olication	ns				DA	CAR 9111
		nt's Informa	ation		NRWB: 006		<u>-</u>	00	100) / 117
Disclosu	re s	catement			Applicant Paul A. Bro	OT-7D			
(Use seve	eral	sheets if	necessa	rvi	Filing Date	2W11		Gro	un
				,					an36
Pos	Fores	mae Dogiana	+		II G Dot	D		.	
Examiner		nce Designa Document	ttion		U. S. Pate	ent Doo	<u>sumen</u> Sub		Filing Date
Initial		Number	Date		Name	Class			If Appropriate
JAT	AA	4,409,542		Bec	ker et al.	324	434		<u> </u>
JAT	AB	5,477,091	12/95		orina et al.	340	1	.01	
JAT .	AC	4,419,621	12/83		cker et al.	324	51		
JAT	AD	4,367,522	1/83		<u>stbauer et al</u>		137		
AAF	AE	4,912,553	3/90		et al.	340		.01	
JAI	AF	4,383,243	5/83		igel et al.	340	310.02		
JAT	AG	4,359,644	11/82	Foo		340		.02	
TAT DAT	AH AI	3,993,989 5,559,377	11/76 9/96		<u>ld et al.</u>	340		.01	6.404
	AJ	9,559,577	9/90	ADI	anam	379	66	' 	6/94
	AK								

			FORI	EIGN	PATENT DOCUM	ENTS			
Examiner	· 1	Document							Translation
<u>Initial</u>		Number	Date		Country	Class	Subclass		Yes/No
*****	AL					<u> </u>			
	AM AN								
	AO								
	AP	· · · · · · · · · · · · · · · · · · ·							
-		4-1							***************************************
07	CHER	R ART (Inclu	iding Au	ıthor	., Title, Date	e Pert	inent	Pag	es, Etc.)
	AR				•				
	AS								
:	ΑΤ		***				• • • • • • • • • • • • • • • • • • • •		
;	AU								1937), 40-
Examiner	<u> </u> 0	HU TWE	EL		Date Cor	nsidere	ed 8/	125/	97
EXAMINER:		in confo	rmance	with	ce considered, MPEP609; Dra	, wheth	ner o	r no	t citation is citation
C:\IDS144	19				nce and not co communication				

1		EX	107	· [5]						5
Form PTO	-14	49 (Modifia	13/2	188	Att	y Docket	t No.		Ser	rial No.
		ents and Pul		ว์ที่ร					100	Ch2 0111
		nt's Informa	ation			RWB:006			00	005,719
Disclosu:	re S	Statement				olicant				' '
4						ul A. Bi				
(Use seve	era.	l sheets if	necessa	ary)	Fi]	ing Date	е		Gro	oup 12/0
-					<u> </u>					~ 10F
. Re	fere	ence Designa	ation		τ	J. S. Pat	tent Do	cumer	nts	
Examiner		Document					1	Sul		Filing Date
Initial		Number	Date	1 1						If Appropriat
JAT	AD	3,846,638		Wet			307	3		
:	AB									
ř.	AC									
	AD									
	AE									
	AF									
	AG									
	AH							ļ		
	AI									
	AJ							ļ		******
	AK						<u> </u>	<u> </u>	1	
			FOR	etan	מיזיעם	NT DOCUM	AEMTC			
Examiner		Document	T OIL	31011	LATI	INT DOCOL	AEN 13	1		Translation
Initial		Number	Date		Cor	intry	Class	Subo	rlass	3
JAF >	AL			PC		PO	H04B		⁷ 50	2007.110
	AM									
	AN									
41	AO									
	AP									
O'	<u> PHEI</u>	R ART (Inclu	<u>ıding A</u> ı	<u>ithoi</u>	c, Ti	tle, Dat	te Pert	<u>inent</u>	: Pag	es, Etc.)
-4-		JP1276933,	, Patent	Abs	strac	ts of Ja	apan, Vo	01	14, N	To. 51 (E-0881
JAT	AR		990, UCI	nida	Hiro	sni, Tra	ansforme	er By	pass	circuit,
		1 page.								
	AS									
	AU									

	AT									
	AU									
*******			,	~			T			
Examiner	. 12	HN TWEE	-1			Date Co	onsider	ed ⊘	6-1	2 7
							····		1721	7)
EXAMINER	:	Initial	if refe	erenc	ce co	nsidered	d, wheth	ner d	or no	t citation is
ić,										citation
0.17500						ind not				lude copy of
C:\IDS14	49	this for	m With	next	con	municati	ion to a	appli	cant	